



**LAHIVE
&
COCKFIELD
L L P**

COUNSELLORS AT LAW
28 STATE STREET
BOSTON, MASSACHUSETTS 02109-1784
TELEPHONE (617) 227-7400
FAX (617) 742-4214
lc@lahcoc.com

JOHN A. LAHIVE, JR. (1928-1997)
THOMAS V. SMURZYNSKI
RALPH A. LOREN
GIULIO A. DeCONTI, JR.
ANN LAMPORT HAMMITTE
ELIZABETH A. HANLEY
AMY BAKER MANDRAGOURAS
ANTHONY A. LAURENTANO
KEVIN J. CANNING
JANE E. REMILLARD
DeANN FORAN SMITH
JEANNE M. DIGIORGIO
DEBRA J. MILASINIC, Ph.D.
NICHOLAS P. TRIANO, III
DAVID J. RIKKERS
DAVID R. BURNS
JOHN S. CURRAN

SEAN D. DETMERS
CYNTHIA L. KATZ, Ph.D.
MEGAN E. WILLIAMS, Ph.D.
RICHANAND
MICHAEL PHILLIPPS

SENIOR COUNSEL
JAMES E. COCKFIELD

OF COUNSEL
JEREMIAH LYNCH
WILLIAM A. SCOFIELD, JR.
PETER C. LAURO *

PATENT AGENTS
PETER S. STECHER

RECEIPT #6

TECHNICAL SPECIALISTS
MARIA LACCOTRIPE ZACHARAKIS, Ph.D.**
CYNTHIA M. SOROOS
PETER W. DINI, Ph.D.
EUIHOON LEE
LISA M. DIROCCO
JENNIFER K. ROSENFELD
JUDITH STONE-HULSLANDER, Ph.D.
ALLAN TAMESHIT, Ph.D.
CATHERINE E. McPHERSON
ERIC F. WAGNER, Ph.D.
SHAHID HASAN, Ph.D.
ASHITA DOSHI, Ph.D.
JACOB G. WEINTRAUB

* Admitted in NY only
** Passed the Patent Bar Examination

FILE COPY
May 8 2001

RECEIVED

SEP 1 8 2001

Commissioner for Patents
Office of Initial Patent Examination
Customer Service Center
Washington, D.C. 20231

TECH CENTER 1600/2900

Re: U.S. Patent Application Serial No. 09/587,662
Entitled: *METHODS AND COMPOSITIONS FOR MODULATING
DRUG ACTIVITY THROUGH TELOMERE DAMAGE*
Filed: June 5, 2000
Our Reference: JAG-004

Dear Sir:

I enclose herewith for filing in the above-identified application the following:

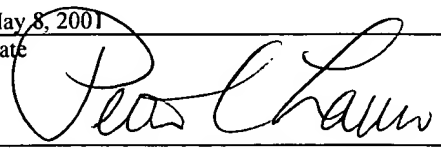
1. Request for Correction of Filing Receipt;
2. Copy of the Filing Receipt (with changes noted thereon);
3. Copy of application transmittal form (in support of above change); and
4. A return postcard.


As the error does not appear to be the fault of the applicants, no fee is enclosed.
However, if necessary, please charge any deficiencies associated with this communication to our
Deposit Account No. 12-0080.

Certificate of First Class Mailing (37 CFR 1.8(a))

I hereby certify that this correspondence is deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Office of Initial Patent Examination, Customer Service Center, Washington, D.C. 20231 on:

May 8, 2001
Date


Peter C. Lauro, Esq., Registration No. 32,360

Respectfully submitted,
LAHIVE & COCKFIELD, LLP

Peter C. Lauro, Esq.
Registration No. 32,360
Attorney for Applicants



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: Jessie L.-S. Au, et al.

Serial No.: 09/587,662

Filed: June 5, 2000

For: *Methods and Compositions for Modulating
Drug Activity Through Telomere Damage*

Attorney Docket No.: JAG-004

Group Art Unit: 1643

Examiner:

RECEIVED

SEP 1 8 2001

TECH CENTER 1600/2900

Commissioner for Patents
Office of Initial Patent Examination
Customer Service Center
Washington, D.C. 20231

REQUEST FOR CORRECTION OF FILING RECEIPT

Dear Sir:

The Filing Receipt for the above-identified patent application incorrectly lists the Applicant(s) as "Jessie L. S. Au and M. Guillaume Wientjes" instead of "Jessie L.-S. Au and M. Guillaume Wientjes." A copy of the Filing Receipt with the changes noted thereon is submitted herewith.

Certificate of First Class Mailing (37 CFR 1.8(a))

I hereby certify that this correspondence is deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Office of Initial Patent Examination, Customer Service Center, Washington, D.C. 20231 on:

May 8, 2001

Date

Peter C. Lauro, Esq., Registration No. 32,360

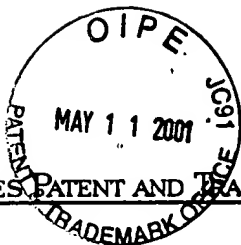
Respectfully submitted,

LAHIVE & COCKFIELD, LLP

Peter C. Lauro, Esq.

Registration No. 32,360

Attorney for Applicants



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/587,662	06/05/2000	1623	3661	JAG-004	10	89	12

000959
LAHIVE & COCKFIELD
28 STATE STREET
BOSTON, MA 02109

FILING RECEIPT



OC00000005750813

Date Mailed: 02/09/2001

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the PTO processes the reply to the Notice, the PTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

RECEIVED

Applicant(s)

Jessie L. - S. Au

Jessie L. S. Au, Columbus, OH ;
M. Guillaume Wientjes, Columbus, OH ;

Guillaume

SEP 18 2001

Continuing Data as Claimed by Applicant

THIS APPLN CLAIMS BENEFIT OF 60/137,549 06/04/1999

Foreign Applications

If Required, Foreign Filing License Granted 09/26/2000

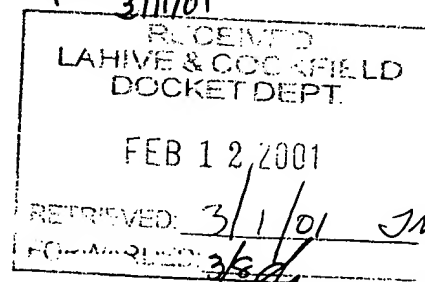
** SMALL ENTITY **

Title

Methods and compositions for modulating drug activity through telomere damage

Preliminary Class

514



Data entry by : HARRISON, BRUCE

Team : 1700

Dat : 02/09/2001





**LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Cod of Federal Regulations, 5.11 & 5.15**

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 36 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15 (b).

PLEASE NOTE the following information about the Filing Receipt:

- The articles such as "a," "an" and "the" are not included as the first words in the title of an application. They are considered to be unnecessary to the understanding of the title.
- The words "new," "improved," "improvements in" or "relating to" are not included as first words in the title of an application because a patent application, by nature, is a new idea or improvement.
- The title may be truncated if it consists of more than 600 characters (letters and spaces combined).
- The docket number allows a maximum of 25 characters.
- If your application was submitted under 37 CFR 1.10, your filing date should be the "date in" found on the Express Mail label. If there is a discrepancy, you should submit a request for a corrected Filing Receipt along with a copy of the Express Mail label showing the "date in."
- The title is recorded in sentence case.

Any corrections that may need to be done to your Filing Receipt should be directed to:

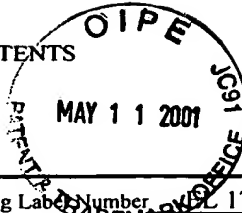


Assistant Commissioner for Patents
Office of Initial Patent Examination
Customer Service Center
Washington, DC 20231

Customer No. 000959

Case Docket No. JAG-004

THE ASSISTANT COMMISSIONER FOR PATENTS
Box Patent Application
Washington, D.C. 20231



RECEIVED

SEP 18 2001

TECH CENTER 1600/2900

"Express Mail" Mailing Label Number 178 766 733 US

Date of Deposit June 5, 2000

I hereby certify that this transmittal letter and the papers referred to as being enclosed therein are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

Signature

Larry Taylor

Please Print Name of Person Signing

Sir:

Transmitted herewith for filing is the patent application of

Inventor(s): Jessie L.-S. Au and M. Guillaume Wientjes

For: METHODS AND COMPOSITIONS FOR MODULATING DRUG ACTIVITY THROUGH TELOMERE DAMAGE

Enclosed are:

- ☐ This is a request for filing a ☐ continuation ☐ divisional application under 37 CFR 1.53(b), of pending prior application serial no. _____ filed on _____ entitled _____.
- ☒ 61 pages of specification, 8 pages of claims, 1 pages of abstract, and 3 pages of Sequence Listing
- ☒ 10 sheets of drawings.
- ☒ An unexecuted Declaration, Petition and Power of Attorney.
- ☒ 3 pages of sequence listing.
- ☒ Transmittal Letter for Diskette of Sequence Listing.
- ☒ Diskette Containing Sequence Listing.
- ☐ An assignment of the invention to _____. A recordation form cover sheet (Form PTO 1595) is also enclosed.
- ☒ An unexecuted verified statement to establish small entity status under 37 C.F.R. 1.9 and 37 C.F.R. 1.27.
- ☐ Other _____

The filing fee has been calculated as shown below:

(Col. 1)		(Col. 2)	SMALL ENTITY			OTHER THAN SMALL ENTITY	
FOR:	NO. FILED	NO. EXTRA	RATE	FEE	OR	RATE	FEE
BASIC FEE	////////////////////		////////	\$ 345	OR	////////	\$
TOTAL CLAIMS	114 - 20	= 94	x 9=	\$ 846	OR	x 18=	\$
INDEP. CLAIMS	13 - 3	= 10	x 39	\$ 390	OR	x 78	\$
<input checked="" type="checkbox"/> MULTIPLE DEPENDENT CLAIMS PRESENTED			+130	\$ 130	OR	+260	\$
			TOTAL	\$1711.00	OR	TOTAL	0

* If the difference in Col. 2 is less than zero, enter "0" in C 1. 2.

* If the difference in Col. 2 is less than zero,
enter "0" in C 1. 2.

- ☒ Please charge my Deposit Account No. 12-0080 in the amount of \$ 1711.00
A duplicate copy of this sheet is enclosed.
- ☐ A check in the amount of \$ _____ to cover the filing fee is enclosed.

EL178766733US

- ☒ The Commissioner hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 12-0080. A duplicate copy of this sheet is enclosed.
- ☒ Any additional filing fees required under 37 C.F.R. 1.16.
- ☐ Any patent application processing fees under 37 C.F.R. 1.17.
- ☐ The Commissioner is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 12-0080. A duplicate copy of this sheet is enclosed.
- ☐ Any patent application processing fees under 37 C.F.R. 1.17.
- ☐ The issue fee set in 37 C.F.R. 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).
- ☐ Any filing fees under 37 C.F.R. 1.16 for presentation of extra claims.
- ☐ A check in the amount of \$ _____ to cover the recording of assignment documents is also enclosed.
- ☒ Address all future communications (May only be completed by applicant, or attorney or agent of record) to Peter C. Lauro, Esq. at Customer Number: 000959 whose address is:

Lahive & Cockfield, LLP
 28 State Street
 Boston, Massachusetts 02109

Date: June 5, 2000

LAHIVE & COCKFIELD, LLP
 Attorneys at Law

Peter C. Lauro
 By _____

Peter C. Lauro, Esq.
 Reg. No. 32,360
 28 State Street
 Boston, MA 02109
 (617) 227-7400
 Telecopier (617) 742-4214